

Heat Pump Catalogue

MAY 2013



Come Home to Fujitsu Comfort
The Heat Pump Specialists

NEW ZEALAND'S FAVOURITE AIR®

FUJITSU

WHY CHOOSE FUJITSU?

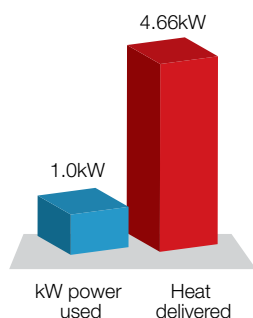




NEW ZEALAND'S HEAT PUMP SPECIALISTS

Fujitsu has specialised in designing and producing Heat Pumps for well over 40 years. Heat Pumps is all we do!

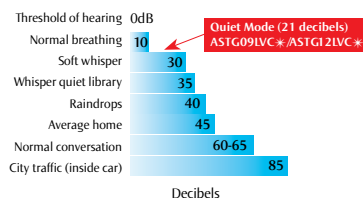
Our advanced models are engineered to fit seamlessly into your home lifestyle, starting with a comprehensive range that will suit all Kiwi homes. You will find compact designs, healthy air features, leading energy savings and whisper quiet operation. In fact, you'll hardly notice your new heat pump is there – except for a warmer, healthier and more comfortable home environment.



Heating efficiency varies by kW capacity of model. Example shown is for ASTG09L (Our popular Premier Hi-wall)



Only Fujitsu heat pumps are recommended by Asthma New Zealand



Blue fin heat exchanger

- Cobalt Blue protection
- Standard chromate protection
- Aluminium base material
- Hydrophilic coating



MORE ENERGY STAR HEAT PUMPS

Fujitsu's range is totally comprehensive – in fact we have many more ENERGY STAR® qualified heat pumps than any other brand. That means we have the right energy efficient model for your home, wherever you live in New Zealand.

BETTER HEAT EFFICIENCY

With the increasing cost of power it's becoming more and more important to reduce energy consumption in the home. You already know that heat pumps are the most energy efficient form of heating, but did you know that Fujitsu leads the way with unique energy saving features ensuring you will receive the best possible economy across a wider range of models – often delivering over 4 times the heat for the amount of energy used. That will save your power bills!

LOWER RUNNING COSTS

Fujitsu's DC and Inverter technologies have more power savings than ever before.

The savings on heating are significant, for example, the ASTG09 Compact Hi-Wall delivers up to 4.66kW of heat for every kW of power you use.

In addition, Fujitsu has extra power saving features, for even more economical running. That's why we have more ENERGY STAR® qualified heat pumps than any other brand.

A FRESHER HEALTHIER HOME

We are leaders in air purifying and deodorising filters that absorb minute dust particles, invisible mould spores, pollen and other harmful micro organisms, to give you a healthier home environment. In fact, Fujitsu is the only heat pump company to be recommended by Asthma New Zealand.

JUST QUIETLY

Brilliant fan technology plus 'quiet mode' means noise is never an issue with Fujitsu. Compare our decibel levels, and you'll see that even our larger models are whisper quiet. Quietness is a Fujitsu fact – not just an advertising claim.

COMPACT OUTSIDE UNITS WITH BLUE FIN HEAT EXCHANGER

Fujitsu's outside units are more compact, with low operating noise from the efficient airflow structure.

Importantly, Fujitsu outside unit heat exchanger fins are also specially coated with Cobalt Blue – to help protect against corrosion and enhance the durability as well as extend the performance life of your Fujitsu heat pump.

HOW FUJITSU EXPERTISE LEADS THE WAY

HOME COMFORT SPECIALISTS

Fujitsu's advanced engineering delivers all the heat you need, just when you need it. You will be as warm as toast when it's freezing outside, and with a simple button to engage the reverse cycle mode, you can enjoy cool, dehumidified comfort in summer too.



PERFORMANCE GUARANTEE

We are so confident that you will be delighted with your new Fujitsu, that the independent heat pump consultant can offer you a written Performance Guarantee. This is additional to your equipment warranty - and is your assurance that the new Fujitsu Heat Pump specified for your home will deliver on its promised performance for heating and cooling.



Only Fujitsu guarantees you will get the heat you need.

ACCREDITED CONSULTANTS

Fujitsu is the only company in New Zealand that runs the respected Accreditation Programme for independent heat pump consultants and installers.

To achieve Accreditation, the tradesman must satisfy Fujitsu that they have the experience, skill and equipment to recommend and install your new heat pump in accordance with the manufacturer requirements, applying sound, professional trade practices.

This means that when you use an installer who has achieved our accreditation standards to install a Fujitsu heat pump, you will have the services of a real professional, and we will also give you a 6 year full parts and labour warranty – New Zealand's longest.



COMPREHENSIVE RANGE



New Zealand's Most Energy Efficient Products

With more ENERGY STAR® heat pumps than any other brand, you will find the perfect match to your home and lifestyle.

Check the 'how to choose a heat pump' section on our website for tips and information on finding the heat pump that you will suit you best.

THE COMFORT SELECTOR®

This clever report about your home and needs is a free service from the Heat Pump Consultants who display this logo on our "where to buy" page (www.fujitsugeneral.co.nz).

**COMFORT
SELECTOR**

Its purpose is to select the perfect heat pump for your home and needs and provide you with all the information about your heat pump before you commit to buy.

The Comfort Selector will:

1. Assess everything about your home, including its location in New Zealand and your individual heating needs
2. Select the perfect model for you
3. Provide you with:
 - Quotation
 - Heat Pump running costs (it will even show you the savings you can make)
 - Heat pump features and benefits
 - Efficient running tips

So now you can be sure that you'll choose the best possible heat pump for you.

THE REPORT INCLUDES:

- All about your home
- The perfect heat pump for your home
- Running costs (and savings) - heat pump features and benefits
- Efficient running tips
- Heat Performance Guarantee
- Quotation





SMART CONTROL FOR MORE CONVENIENCE AND BETTER ECONOMY

NEW! LCD Wall Controller (UTY-RVNYN)

Features:

- Includes all the control functions of the already supplied controller
- Backlit display
- 7-day programmable timer: with 8 x auto on/off scheduling possible each day
- 2 weekly settings – so can be programmed for winter and summer
- Auto-off timer – automatically turns off if left on accidentally
- Temperature limit select – so you can lessen the temperature range by single degrees
- Auto return set temperature – you can change the temperature setting within timer settings
- Economy mode – an additional economy feature
- 3 types of lock-out operation: child lock; partial lock and management lock
- Memory back-up
- Clean filter indicator

WORLD FIRST



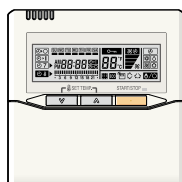
UTY-RVNYN

Universal Wall Controller (UTY-RNNYN)

This smart optional controller is simple to use, yet has many features to add more control to your comfort with greater efficiency and convenience.

Features :

- Includes all the control functions of the already supplied controller
- 7-day programmable timer with 2 x auto on/off scheduling possible for each day
- Set-back timer, allows different temperature settings for each day
- Economy mode, saves energy by limiting maximum output
- Child lock
- Memory back-up (instant re-set) - remembers settings in case of power outages
- Clean filter indicator



UTY-RNNYN

Simple Wall Controller (UTY-RSNYN)

Features:

- Basic operation function
- On/Off
- Mode change (heating/cooling)
- Temperature change: Auto: 18 to 30°C: Heating 16 to 30°C: Cooling 18 to 30°C
- Fan change: auto, high, medium, low, quiet



UTY-RSNYN

Please note that a special communication part is required when installing any optional wall controller.

Check our website for FAQ's, detailed information on how heat pumps work and our full range of models.

www.fujitsugeneral.co.nz



COMPACT HI-WALL PREMIER



ASTG09LVC*

Heating capacity: 3.4kW
Heating efficiency: COP 4.66
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.3



ASTG12LVC*

Heating capacity: 4.8kW
Heating efficiency: COP 4.32
Cooling capacity: 3.5kW
Cooling efficiency: EER 3.8



ASTG18LVC*

Heating capacity: 6.0kW
Heating efficiency: COP 4.03
Cooling capacity: 5.0kW
Cooling efficiency: EER 3.27



ASTG22LVC*

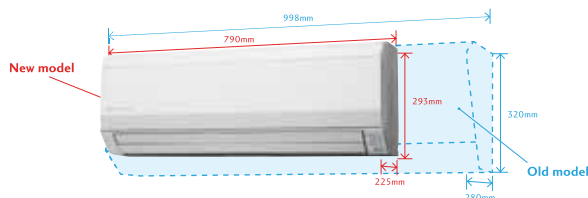
Heating capacity: 7.2kW
Heating efficiency: COP 3.55
Cooling capacity: 6.3kW
Cooling efficiency: EER 3.23



This extremely popular heat pump range is very compact with smart flat panels outside and the most advanced engineering inside. Fantastic energy savings are achieved with Fujitsu's improved heat exchange technology and the units also offer near silent operation, healthy fresh air filters and many extra features.

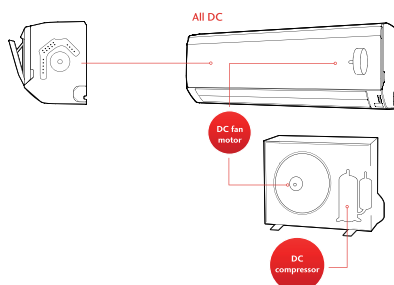
Compact design

New Zealand's smallest 7.0kW Indoor unit



Super efficient

Significantly higher energy efficiency has been achieved with Fujitsu's DC twin rotary compressor, DC Inverter control and DC fan motor technologies.



Healthy air filters

Fujitsu's advanced filter systems contribute to a fresher, cleaner and healthier living environment.



Only Fujitsu heat pumps are recommended by Asthma New Zealand

Air cleaning filter

Air cleaning filter uses static electricity to clean fine particles and dust in the air such as tobacco smoke, plant pollen and allergens that are too small to see.

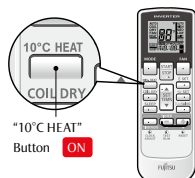
The filter contains catechin, which is highly effective against various bacteria by suppressing the growth of the bacteria absorbed to the filter.

Super quiet

ALL Fujitsu wall mounted models are equipped with 4 fan speeds including quiet fan mode, allowing the indoor units to operate as low as 21 decibels. In addition to this, Fujitsu's fan technology means that our models are quiet even when working their hardest to quickly heat or cool a room.

10°C heat operation

This function on the remote control will prevent the room temperature from falling below 10°C, so the room will never be too cold when you are away.



CONTROLLERS

Remote Controller (supplied)



- Four standard timers (On/Off/Program/Sleep timers)
- Easy operation
- Easy to change modes: heating/cooling/dry/auto/fan

Wall controller options

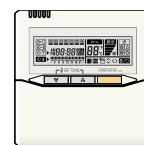
In addition to the standard remote controller (above), there are optional wall controllers available.

The 7-day Programmable Timer



UTY-RVNYN

Universal Wall Controller



UTY-RNNYN

Simple Wall Controller



UTY-RSNNY

See page 5 for detailed features of each controller.

Optional wall controllers require the communication link (UTY-TWBXF).

Compact outside units too

Fujitsu's outside units set the industry standard for compact design, yet still deliver all the power required, with efficient airflow engineering that reduces operation noise. Fujitsu's outside heat exchange units are coated with a blue corrosion resistant material to enhance durability and help extend the performance life of your heat pump.

Compact Hi-Wall specifications

		INVERTER	INVERTER	INVERTER	INVERTER
Model No.		ASTG09LVCC	ASTG12LVCC	ASTG18LVCC	ASTG22LVCC
Indoor Unit		AOTG09LVCC	AOTG12LVCC	AOTG18LVCC	AOTG22LVCC
Heating Capacities	kW	3.4	4.8	6.0	7.2
Heating Range	kW	0.5 - 4.0	0.9 - 5.6	1.05 - 8.1	1.05 - 8.7
Cooling Capacities	kW	2.5	3.5	5.0	6.3
Cooling Range	kW	0.5 - 3.3	0.9 - 4.0	0.9 - 5.8	0.9 - 7.3
Star Rating	Heat	4.5	4.0	3.5	2.5
	Cool	4.0	3.0	2.0	2.0
C.O.P Heat	W/W	4.66	4.32	4.03	3.55
E.E.R Cool	W/W	4.31	3.80	3.27	3.23
Running Current	Heat	Amps	3.5	5.0	6.3
	Cool	Amps	2.8	4.2	6.5
Input Power (Max)	Heat	kW	0.73 (1.56)	1.11 (2.0)	1.49 (3.19)
	Cool	kW	0.58 (1.24)	0.92 (1.42)	1.53 (2.03)
Moisture Removal	L/Hr	1.3	1.8	2.6	2.7
Fan Speeds		4			
Air Circulation (heat)	l/s	225	239	267	267
Indoor Sound Pressure Level (Heat)	Quiet	DbA at 1m	22	22	30
	Low	DbA at 1m	31	31	38
	Med	DbA at 1m	37	38	42
	High	DbA at 1m	42	43	46
Outdoor Sound Pressure Level	DbA at 1m	47	48	52	55
Dimensions and Weights	I.U.	Height	mm	293	
		Width	mm	790	
		Depth	mm	225	
		Net Weight	kg	9.5	10
	O.U.	Height	mm	540	620
		Width	mm	660	790
		Depth	mm	290	290
		Net Weight	kg	25	40
Outdoor Operating Temp	Heat	Degree C	-15 to 24		
	Cool	Degree C	10 to 46		



2012 International Winner:
Brilliant New Design

FUJITSU PREMIER PLUS WITH HUMAN SENSOR



ASTG09LUC*

Heating capacity: 3.4kW
Heating efficiency: COP 4.36
Cooling capacity: 2.5kW
Cooling efficiency: EER 4.31



ASTG14LUC*

Heating capacity: 5.4kW
Heating efficiency: COP 3.67
Cooling capacity: 4.2kW
Cooling efficiency: EER 3.36



ASTG18LUC*

Heating capacity: 6.0kW
Heating efficiency: COP 3.80
Cooling capacity: 5.0kW
Cooling efficiency: EER 3.27



The Fujitsu Premier Plus gives you 40 years of innovation in one heat pump.

Its compact, slim design fits any interior, and the many clever features will add increased power savings, convenience and healthier fresh air to your warm and comfortable environment.

ENERGY SAVINGS PLUS

Human sensor control

The human sensor infrared technology senses human presence (and not just movement). So it will switch to saving operation 20 minutes after people leave the room. This will reduce the temperature by a maximum 4°C when in heating mode, until someone returns to the room - when the heat pump will then return to the original heat settings.



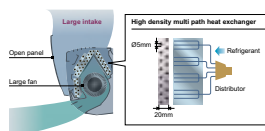
Human sensor's coverage



PLUS ADVANCED ENGINEERING

Indoor unit: quicker heating

Our indoor units are equipped with high density multi-path heat exchangers to increase the heating (and cooling) efficiency. Quicker heating is achieved by adopting an open panel and large diameter long fan which increases both air intake and outflow.



Powerful operation mode

Powerful operation is boosted with the maximum full power and strong airflow, which gives you both rapid heating and cooling.

Economy operation

Switch to economy operation and you will be saving even more energy with this already efficient heat pump. Using this operation will shift the indoor temperature by 1°C, and suppress the power of the outdoor unit.

HEALTHY AIR FILTRATION

The polyphenol catechin air cleaning filter

Uses static electricity to clean fine particles and dust in the air such as tobacco smoke, plant pollen and allergens that are too small to see. The filter contains catechin, which is highly effective against various bacteria by suppressing the growth of the bacteria absorbed to the filter.

Negative air ions deodorising filter

This special filter comprises of super micro particles, which can produce negative air ions that deodorise and absorb cooking, pet and other smells.



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CONVENIENCE PLUS

Set-and-forget remote controller (supplied)

This smart, very thin remote has a large easy to view LCD display with a one touch button. Best of all though is its built-in 7-day timer, so you need only set it once if you wish. It also has sleep and programme timers.



The ON and OFF timer can be set up to 4 times in one day and 28 times in one week, while the sleep and program times can be selected with one button push. Once set to your requirements you can forget all about your Fujitsu - whilst living in the comfort of your perfect environment.

Wall controller options

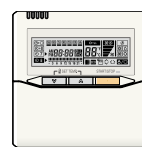
In addition to the standard remote controller (above), there are optional wall controllers available.

The 7-day Programmable Timer



UTY-RVNYN

Universal Wall Controller



UTY-RNNYN

Simple Wall Controller



UTY-RSNNY

See page 5 for detailed features of each controller.

Optional wall controllers require the communication link (UTY-TWBXF).

Premier Plus specifications

		INVERTER		INVERTER		INVERTER	
Model No.	Indoor Unit	ASTG09LUCB		ASTG14LUCB		ASTG18LUCB	
	Outdoor Unit	AOTG09LUCB		AOTG14LUCB		AOTG18LUCB	
Heating Capacities		kW		3.4		5.4	
Heating Range		kW		0.5 - 4.2		0.9 - 6.0	
Cooling Capacities		kW		2.5		4.2	
Cooling Range		kW		0.5 - 3.3		0.9 - 5.0	
	Heat	kW		4.0		2.5	
	Cool	kW		4.0		2.0	
C.O.P Heat		W/W		4.36		3.67	
E.E.R Cool		W/W		4.31		3.36	
Running Current	Heat	Amps		3.7		6.4	
	Cool	Amps		2.8		5.7	
	Heat	kW		0.78 (1.78)		1.47 (2.49)	
	Cool	kW		0.58 (1.42)		1.25 (2.13)	
Moisture Removal		L/Hr		1.3		2.1	
Fan Speeds				4			
Air Circulation (heat)		l/s		222		264	
Indoor Sound Pressure Level (Heat)	Quiet	DbA at 1m		21		27	
	Low	DbA at 1m		32		34	
	Med	DbA at 1m		37		40	
	High	DbA at 1m		42		45	
Outdoor Sound Pressure Level		DbA at 1m		49		50	
Dimensions and Weights	I.U.	Height	mm	282			
		Width	mm	870			
		Depth	mm	185			
		Net Weight	kg	9.5			
	O.U.	Height	mm	540	540	620	
		Width	mm	660	790	790	
		Depth	mm	290	290	290	
		Net Weight	kg	25	34	37	
Outdoor Operating Temp	Heat	Degree C		-15°C to 24°C			
	Cool	Degree C		10°C to 46°C			



HI-WALL PREMIER – LARGE CAPACITY LFC SERIES



ASTG24LFC*

Heating capacity: 8.0kW
Heating efficiency: COP 3.54
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.33



ASTG30LFC*

Heating capacity: 9.0kW
Heating efficiency: COP 3.41
Cooling capacity: 8.0kW
Cooling efficiency: EER 3.31



ASTG34LFC*

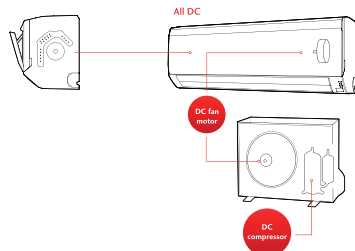
Heating capacity: 10.0kW
Heating efficiency: COP 3.3
Cooling capacity: 9.2kW
Cooling efficiency: EER 3.29



These smart looking models pack a punch with very powerful performance, but are still super energy efficient. In fact, Fujitsu has delivered one of the best power savings of all time. They will heat large areas effortlessly yet give you the quietness, energy savings and the extra features you'd expect from Fujitsu.

Super efficient with all DC engineering

Significantly higher energy efficiency has been achieved with Fujitsu's DC twin rotary compressor, DC Inverter control and DC fan motor technologies. This gives infinite control over motion speeds.



Healthy air filters

Fujitsu's advanced filter systems contribute to a fresher, cleaner and healthier living environment.



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Poly Catechin air cleaning filter

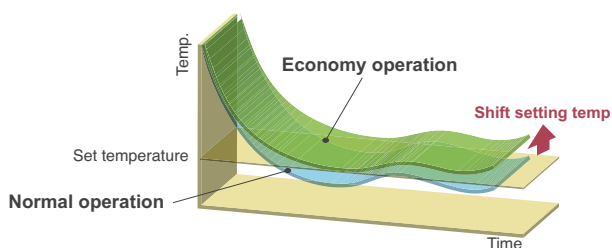
The polyphenol catechin air cleaning filter uses static electricity to clean fine particles and dust in the air such as tobacco smoke, plant pollen and allergens that are too small to see. The filter contains catechin, which is highly effective against various bacteria by suppressing the growth of the bacteria absorbed to the filter.

Negative air ions deodorising filter

This special filter comprises of super micro particles which can produce negative air ions which deodorise and absorb cooking, pet and other smells.

Economy mode

The economy mode will save energy (up to 30% of normal mode). It can be switched on once the indoor unit is operating, can lower the set-temperature a little during heating and raise it a little higher during cooling.



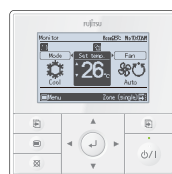
Super quiet

ALL Fujitsu wall mounted models are equipped with 4 fan speeds including quiet fan mode, allowing some of the indoor units to operate as low as 21 decibels. In addition to this, Fujitsu's fan technology means that our models are quieter even when working their hardest to quickly heat or cool a room.

CONTROLLERS

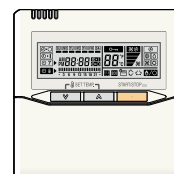
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



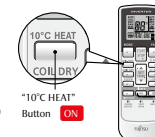
UTY-RSNYN

See page 5 for detailed features of each controller.

Optional wall controllers require the communication link (UTY-TWBXF).

10°C heat operation

This function on the remote control will prevent the room temperature from falling below 10°C, so the room will never be too cold when you are away.



Hi-Wall Premier specifications

			INVERTER	INVERTER	INVERTER	
Model No.	Indoor Unit		ASTG24LFCC	ASTG30LFCC	ASTG34LFCC	
	Outdoor Unit		AOTG24LFCC	AOTG30LFCC	AOTG34LFCC	
Heating Capacities		kW	8.0	9.0	10.0	
Heating Range		kW	0.9 - 10.6	2.2 - 11.0	2.7 - 11.2	
Cooling Capacities		kW	7.1	8.0	9.2	
Cooling Range		kW	0.9 - 8.3	2.9 - 9.0	2.9 - 10.0	
Star Rating	Heat		2.5	2.0	2.0	
	Cool		2.0	2.0	2.0	
C.O.P Heat		W/W	3.54	3.41	3.30	
E.E.R Cool		W/W	3.27	3.31	3.29	
Running Current	Heat	Amps	9.5	11.1	12.8	
	Cool	Amps	9.1	10.2	11.8	
Input Power (Max)	Heat	kW	2.26 (4.06)	2.64 (3.53)	3.03 (4.06)	
	Cool	kW	2.04 (2.86)	2.42 (3.15)	2.8 (3.57)	
Moisture Removal		L/Hr	2.7	3.2	3.5	
Fan Speeds			4			
Air Circulation (heat)		l/s	311	319	339	
Indoor Sound Pressure Level (Heat)	Quiet	Dba at 1m	32	33	34	
	Low	Dba at 1m	37	37	37	
	Med	Dba at 1m	42	42	42	
	High	Dba at 1m	48	49	52	
Outdoor Sound Pressure Level		Dba at 1m	55	53	53	
Dimensions and Weights	I.U	Height	mm	320		
		Width	mm	998		
		Depth	mm	238		
		Net Weight	kg	14		
	O.U	Height	mm	620	830	1,290
		Width	mm	790	900	900
		Depth	mm	290	330	330
		Net Weight	kg	41	61	86
Outdoor Operating Temp	Heat	Degree C	-15 to 24			
	Cool	Degree C	-10 to 46	-10 to 46	-5 to 46	



NOCRRIA CEILING WALL



AWTZ14LBC

Heating capacity: 6.0kW
 Heating efficiency: COP 4.44
 Cooling capacity: 4.2kW
 Cooling efficiency: EER 4.12



AWTZ18LBC

Heating capacity: 6.7kW
 Heating efficiency: COP 4.11
 Cooling capacity: 5.2kW
 Cooling efficiency: EER 3.29



AWTZ24LBC

Heating capacity: 8.5kW
 Heating efficiency: COP 3.62
 Cooling capacity: 7.4kW
 Cooling efficiency: EER 3.01



A world exclusive heat pump that is less obtrusive because it sits higher on the wall (just under the ceiling). It has revolutionary features, including vastly improved heating and cooling efficiencies, brilliant filtration systems and automatic filter cleaning - it even cleans itself!

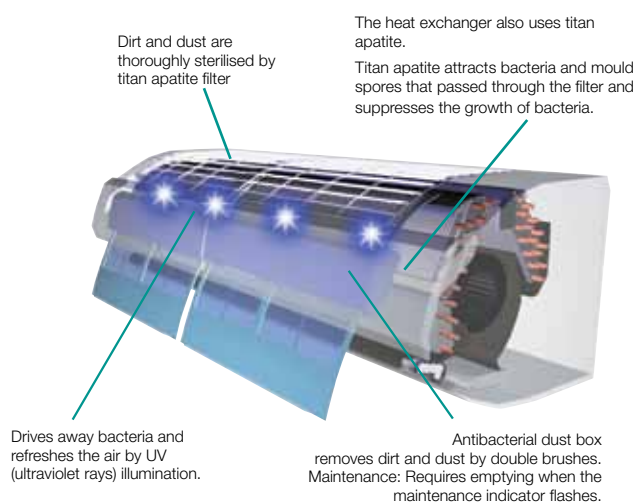
Automatic filter cleaner

WORLD FIRST!

The Nocris filter is the world's most advanced. Not only are dust and allergens such as pollen, dust mite carcasses and mould spores collected in the filter, but an ultraviolet illuminator is used to sterilise the bacteria. So your home environment is not only cleaner and fresher, but is much healthier too.

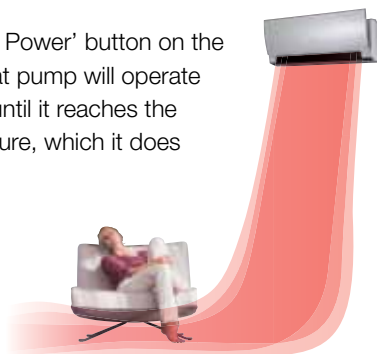
The filter is cleaned automatically – so you don't have to clean it yourself, but most importantly, the heat pump will continue to operate at 100% efficiency because it will not become clogged.

Entire filter is cleaned automatically in approximately 2 minutes.



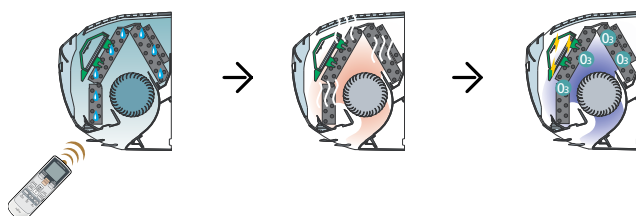
Hi power operation

When you push the 'Hi Power' button on the remote control, the heat pump will operate at maximum capacity until it reaches the desired room temperature, which it does quickly and efficiently.



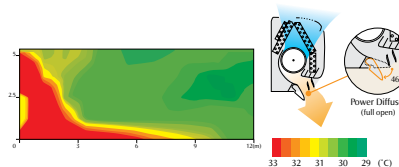
Coil drying operation

By drying the heat exchanger for approximately 18 minutes and then 2 minutes of UV filter cleaning, the Coil drying operation will prevent the growth of mold, fungus and bad odours in the unit.



Air flow performance

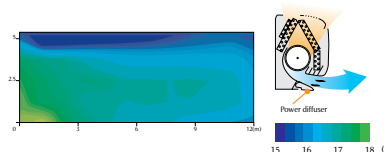
Strong vertical air flow provides powerful floor level heating.



Outside air conditions: 2°C 60%

Operation contents: Heating, Set temperature (Max set temp) 30°C, Air flow Hi, Air direction downward and front

Healthy horizontal air flow does not blow cool air directly at the occupants in the room.

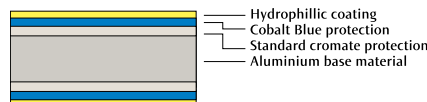


Outside air conditions: 35°C 40%

Operation contents: Cooling, Set temperature (Min set temp) 18°C, Air flow Hi, Air direction downward and front

Cobalt blue heat exchanger

The outdoor units are more compact, and the fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



Nocris specifications

			INVERTER	INVERTER	INVERTER	
Model No.	Indoor Unit		AWT214LBC	AWT218LBC	AWT224LBC	
	Outdoor Unit		AOT214LBL	AOT218LBL	AOT224LBT	
Heating Capacities		kW	6.0	6.7	8.5	
Heating Range		kW	0.9 - 9.1	0.9 - 9.7	0.9 - 11.0	
Cooling Capacities		kW	4.2	5.2	7.4	
Cooling Range		kW	0.9 - 5.3	0.9 - 5.9	0.9 - 8.0	
Star Rating	Heat		4	3	2.5	
	Cool		3	1.5	1	
C.O.P Heat		W/W	4.44	4.11	3.62	
E.E.R Cool		W/W	4.12	3.29	3.21	
Running Current	Heat	Amps	5.7	6.9	9.9	
	Cool	Amps	4.3	6.6	10.4	
Input Power (Max)	Heat	kW	1.35 (2.95)	1.63 (3.2)	2.35 (3.68)	
	Cool	kW	1.02 (1.75)	1.58 (2.0)	2.46 (2.62)	
Moisture Removal		L/Hr	2.1	2.8	3	
Fan Speeds			5			
Air Circulation (heat)		l/s	261	261	272	
Indoor Sound Pressure Level (Heat)	Super Quiet	DbA at 1m	24	24	32	
	Quiet	DbA at 1m	29	29	36	
	Low	DbA at 1m	34	34	40	
	Med	DbA at 1m	39	39	43	
	High	DbA at 1m	46	46	47	
Outdoor Sound Pressure Level		DbA at 1m	47	48	54	
Dimensions and Weights	I.U	Height	250			
		Width	899			
		Depth	298			
		Net Weight	kg	13.5	13.5	14
	O.U	Height	mm	578	578	830
		Width	mm	790	790	900
		Depth	mm	300	300	330
		Net Weight	kg	39	39	62
Outdoor Operating Temp	Heat	Degree C	-15 to 24			
	Cool	Degree C	-10 to 43			



COMPACT FLOOR CONSOLE



AGTV09LAC

Heating capacity: 3.5kW
 Heating efficiency: COP 4.32
 Cooling capacity: 2.6kW
 Cooling efficiency: EER 4.33



AGTV14LAC

Heating capacity: 5.2kW
 Heating efficiency: COP 3.61
 Cooling capacity: 4.2kW
 Cooling efficiency: EER 3.44



Our smart floor console is compact and elegant, yet surprisingly efficient and effective. It delivers fast heating with dual fans, is super quiet and has many features including the latest in air cleaning filters, compact outdoor units too.

Compact design

At just 60cm high and 74cm long, this model is discreet and attractive. It can be used to replace night storage heaters or wall heaters.



10°C hold temperature

Your heat pump can be set so that the temperature never goes below 10°C, meaning your room will never get too cold.



Coil dry button

Prevents mould and bacteria growing on the indoor heat exchanger, for a cleaner healthier environment.

Apple-catechin filter



These clever filters use static electricity to collect fine dust, invisible mould spores, pollen and harmful micro organisms from the air.

The filter contains catechin which is highly effective against many bacteria by suppressing the growth of the bacteria absorbed by the filter.

Long-life ion deodorisation filter

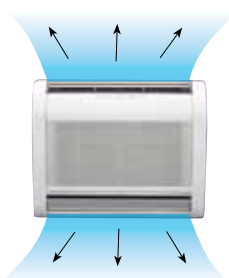


The filter absorbs common household odours including kitchen and pet smells by powerfully absorbing and decomposing them.



Economy mode

The economy mode will save energy (up to 30% of normal mode). Maintaining a slightly higher temperature in Cool mode and lower temperature in Heat mode, as well as limiting maximum current.



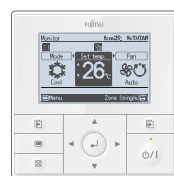
Dual fan

Twin fans and the option of using the top fan only gives you total control and fast heating (or cooling in summer) of the entire room.

CONTROLLERS

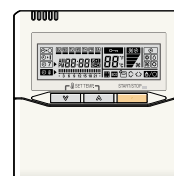
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

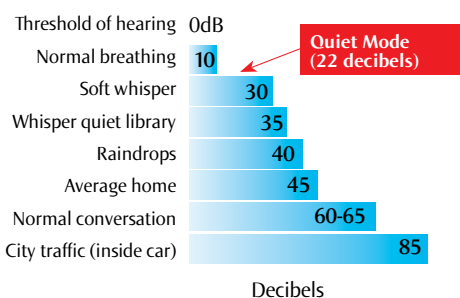


UTY-RSNYN

See page 5 for detailed features of each controller.

Super quiet

An industry leader in quietness – with quiet mode at just 22 decibels - quieter than a human whisper.



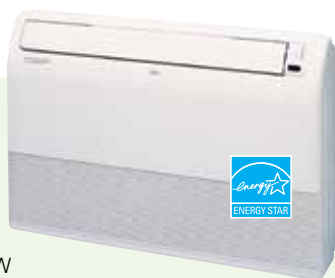
Compact Floor Console specifications

		FLOOR INVERTER	
Model No.	Indoor Unit	AGTV09LAC	AGTV14LAC
	Outdoor Unit	AOTV09LAC	AOTV14LAL
Heating Capacities		3.5	5.2
Heating Range		0.9 - 5.5	0.9 - 8.0
Cooling Capacities		2.6	4.2
Cooling Range		0.9 - 3.5	0.9 - 5.0
Star Rating	Heat	3.5	2.5
	Cool	3.5	2
C.O.P Heat		4.32	3.61
E.E.R Cool		4.33	3.44
Running Current	Heat	3.8	6.1
	Cool	2.8	5.3
Input Power (Max)	Heat	0.81 (2.2)	1.44 (3.05)
	Cool	0.6 (1.4)	1.22 (1.95)
Moisture Removal		1.3	2.1
Fan Speeds		4	
Air Circulation		167 Upper & Lower	181 Upper & Lower
Indoor Sound Pressure Level (Heat)	Quiet	22	22
	Low	29	29
	Med	35	37
	High	40	43
Outdoor Sound Pressure Level		48	50
Dimensions and Weights	I.U	Height	600
		Width	740
		Depth	200
		Net Weight	14
	O.U	Height	540
		Width	790
		Depth	290
		Net Weight	44
Outdoor Operating Temp	Heat	Degree C	-15 to 24
	Cool	Degree C	-10 to 43



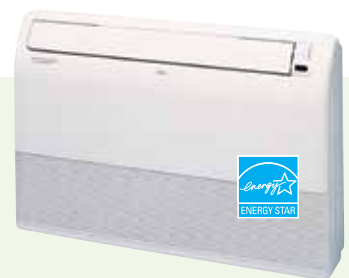
HIGH CAPACITY FLOOR CONSOLE RANGE

(THE EXTREME RANGE)



ABTG18LVT*

Heating capacity: 6.0kW
Heating efficiency: COP 3.61
Cooling capacity: 5.20kW
Cooling efficiency: EER 3.44



ABTG24LVT*

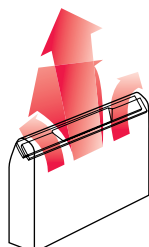
Heating capacity: 8.0kW
Heating efficiency: COP 3.61
Cooling capacity: 7.1kW
Cooling efficiency: EER 3.32



The Inverter Floor Consoles are highly efficient, slim and lightweight. They are extremely quiet, yet powerful and they all carry the prestigious ENERGY STAR® Rating. They are often used to replace night storage heaters, and can also be installed on the floor or ceiling outside units are compact and quiet.

Super vane / double auto swing

The double-louver feature boosts airflow with combination up/down and left/right direction swing, giving you 3 dimensional control and heating for every corner of your chosen room.

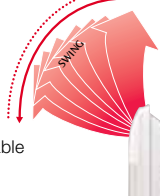


Right and left



5 selectable positions

Up and down



7 selectable positions

High capacity heating

These superb heaters deliver fast and effective heat, right down to -15°C.

OUTDOOR TEMPERATURE	
HEATING	COOLING
-15°C to 24°C	-10°C to 46°C

Very efficient

They have super-quick defrost, and still also deliver outstanding cost efficiency – returning \$5.40 worth of heat for every \$1.40 of power used.

Flexible installation



Floor

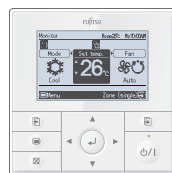


Under Ceiling

CONTROLLERS

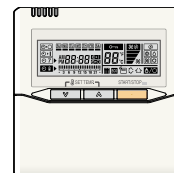
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller

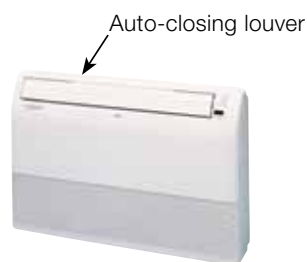


UTY-RSNNYN

See Page 5 for detailed features. Optional wall controllers require the communication link (UTY-TWBXF).

Auto-closing louver

This function is common to all Fujitsu models except the duct type.



Floor Console specifications

		FLOOR/CEILING INVERTER		FLOOR/CEILING INVERTER
Model No.	Indoor Unit	ABTG18LVT		ABTG24LVT
	Outdoor Unit	AOTG18LACC		AOTG24LACC
Heating Capacities		kW	6.0	8.0
Heating Range		kW	0.9 - 7.5	2.2 - 9.1
Cooling Capacities		kW	5.2	7.1
Cooling Range		kW	0.9 - 5.9	2.9 - 8.0
Star Rating	Cool		2.0	2.0
	Heat		2.5	2.5
C.O.P Heat		W/W	3.61	
E.E.R Cool		W/W	3.44	3.32
Running Current	Heat	Amps	7.0	9.3
	Cool	Amps	6.4	9.0
Input Power (Max)	Heat	kW	1.66 (2.35)	2.21 (2.65)
	Cool	kW	1.51 (1.82)	2.28 (2.41)
Moisture Removal		L/Hr	2	2.7
Fan Speeds			4	
Air Circulation		l/s	217	272
Indoor Sound Pressure Level (Heat)	Quiet	DbA at 1m	32	36
	Low	DbA at 1m	35	41
	Med	DbA at 1m	41	45
	High	DbA at 1m	44	49
Outdoor Sound Pressure Level		DbA at 1m	56	54
Dimensions and Weights	I.U	Height	mm	655
		Width	mm	990
		Depth	mm	199
		Net Weight	kg	27
	O.U	Height	mm	620
		Width	mm	790
		Depth	mm	290
		Net Weight	kg	41
Outdoor Operating Temp	Heat	Degree C	-15 to 24	
	Cool	Degree C	-10 to 46	



COMPACT CASSETTE



AUTG18LVL*

Heating capacity: 6.0kW
 Heating efficiency: COP 3.61
 Cooling capacity: 5.20kW
 Cooling efficiency: EER 3.33



AUTG24LVL*

Heating capacity: 8.0kW
 Heating efficiency: COP 3.61
 Cooling capacity: 7.1kW
 Cooling efficiency: EER 3.29

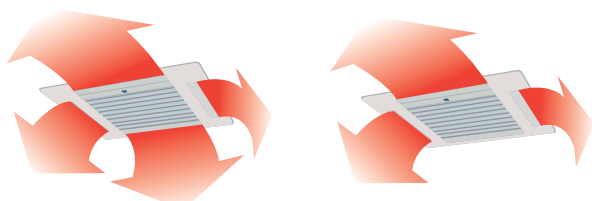


The cassette models sit in the ceiling, so they are almost invisible. But you'll feel the difference, with 4-way air distribution (which can be configured to suit your room), and turbo fan technology which will heat (or cool and dehumidify in summer) the whole room quickly and efficiently.

3 or 4-way air distribution

With 4-way air distribution, strong airflow and quick temperature change is realised when the indoor unit is placed at the centre of the room.

If the indoor unit is to be located adjacent to a wall, an optional 3-way air outlet configuration can be made to ensure optimum airflow into the same room is maintained.

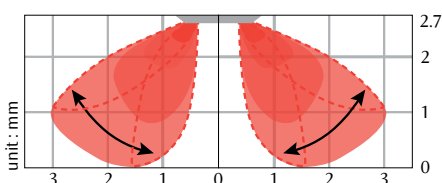


Air flow

Air reaches whole room with ceilings of up to 3.0m



Air is spread widely to reach room corners.



Very efficient

The compact cassette delivers high capacity heating, quietly and efficiently. You will enjoy power savings (up to \$3.60 worth of heating for every \$1 you spend on power), to help reduce your power bills.

Blue fin heat exchanger

65% of Kiwis live within reach of salt laden air. That's why Fujitsu's outside heat exchange units are coated with a blue corrosion resistant material to enhance durability and help extend the performance life of your heat pump.

Blue fin heat exchanger

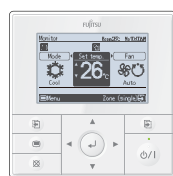
- Cobalt Blue protection
- Standard chromate protection
- Aluminium base material
- Hydrophilic coating



CONTROLLERS

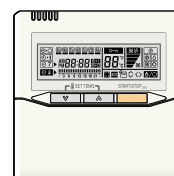
Wall controller options

The 7-day programmable timer



UTY-RVNYN

Universal wall controller



UTY-RNNYN

Simple wall controller



UTY-RSNYN

See page 5 for detailed features of each controller.

Compact outside units

Fujitsu's outside units set the industry standard for compact design, yet still deliver all the power required, with efficient airflow design that reduces operation noise.

Invisible comfort

The compact cassette is hidden inside the ceiling, with only the grill showing. So you feel the comfort, but not see or hear it.

Compact Cassette specifications

			INVERTER	INVERTER	
Model No.	Indoor Unit		AUTG18VLA	AUTG24VLC	
	Outdoor Unit		AOTG18LACC	AOTG24LATC	
Heating Capacities		kW	6.0	8.0	
Heating Range		kW	0.9 - 7.5	2.2 - 9.1	
Cooling Capacities		kW	5.20	7.10	
Cooling Range		kW	0.9 - 5.9	2.9 - 8.0	
Star Rating	Heat		2.5	2.5	
	Cool		2.0	2.0	
C.O.P Heat		W/W	3.61	3.61	
E.E.R Cool		W/W	3.33	3.29	
Running Current	Heat	Amps	7.0	9.3	
	Cool	Amps	6.6	9.1	
Input Power (Max)	Heat	kW	1.66 (2.52)	2.21 (2.8)	
	Cool	kW	1.56 (1.99)	2.16 (2.47)	
Moisture Removal		L/Hr	2.2	2.7	
Fan Speeds			4		
Air Circulation		l/s	222	258	
Indoor Sound Pressure Level (Heat)	Quiet	DbA at 1m	30	33	
	Low	DbA at 1m	34	40	
	Med	DbA at 1m	38	45	
	High	DbA at 1m	43	49	
Outdoor Sound Pressure Level		DbA at 1m	56	54	
Dimensions and Weights	I.U	Height	mm	245	
		Width	mm	570	
		Depth	mm	570	
		Net Weight	kg	15	16
	O.U	Height	mm	620	830
		Width	mm	790	900
		Depth	mm	290	330
		Net Weight	kg	41	60
Outdoor Operating Temp	Heat	Degree C	-15 to 24		
	Cool	Degree C	-10 to 46		

Being Energywise



Heat pumps are one of the most efficient forms of heating available. In fact Fujitsu heat pumps can

give you up to 4 1/2 times the heat for the same price as running a conventional heater.

Ask your heat pump consultant, accredited by Fujitsu to give you good advice tailored to your home needs. But in the meantime, here are some general tips to help you get the most out of your heat pump:

- Look for the blue ENERGY STAR® mark which shows you the most energy efficient units available. It's no surprise that Fujitsu has more Energy Star® heat pumps than any other brand.
- Only heat the spaces that you are actually using and shut doors and curtains to keep the heat in.

- Home insulation will save you heaps of power – without good insulation, you can lose up to 75% of the heat you are paying for, through your ceiling, walls and floor.
- Don't have the temperature higher than you need it. Aim to set your Fujitsu heat pump between 18°-22° Celsius while you are using a space and then 16° Celsius if you need it on overnight - otherwise, we recommend turning it off until the morning.
- Learn to use the timer features so your Fujitsu heat pump comes on an hour or so before you get home or get up in the morning, instead of leaving it on all day.
- Keep your heat pump well maintained and make sure the filters are cleaned regularly.

Enjoy the healthy comfort of your Fujitsu heat pump, we know you will reap the rewards for many years to come.

Explanation of terms

Capacity – the higher the capacity, the more area and faster the heat pump will heat (and cool) the room.

COP – Stands for coefficient of performance or (more simply!), the relationship between energy used and heat delivered. For example with a heating COP of 4.11 – you will get 4.11kW of heat for every 1kW of energy used.

Energy Star Rating – your quick guide to energy efficiency – more stars means more efficient.

Indoor Sound – measured in decibels, this is the sound level of your indoor unit at selected fan speeds. For example 20-30 decibels is less than the sound of a human whisper.

Heating Range – with our Kiwi winter, your heat pump needs to be able to supply heat indoors, even when its -15°C outside!

Explanation of Features



Moisture Removal
The computer effectively dehumidifies the air.



Up/Down Swing Louvers
The up/down flaps automatically swing to up and down.



Right/Left Swing Louvers
The right/left flaps automatically swing in either direction.



Double Swing Automatic
Complex swing action of flaps enables automatically to swing both horizontal and vertical directions.



Automatic Louvers
The position of the louvers is set automatically to match the operating mode. It is also possible to adjust the louvers using the remote control.



Auto Shut Louvers
The auto shut louvers close or open automatically when the unit stops or starts.



Automatic Air Flow Adjustment
The micro-computer automatically adjusts the air flow effectively to follow the changes of room temperature.



Auto Restart
In the event of a temporary power failure, the air conditioner will automatically restart in the same operating mode as before, once the power supply is restored.



Auto-Changeover
The unit automatically switches between heating and cooling modes based on your temperature setting and the room temperature.



Sleep Timer
The micro-computer gradually changes the room temperature automatically to afford a comfortable night's sleep.



Program Timer
This digital timer allows selection of one of four options. ON, OFF, ON → OFF, or OFF → ON.



ON-OFF Timer
ON-OFF timer can be set to operate once.



Weekly Timer
4 different ON-OFF times can be set every day for up to 7 days. Just set and forget!



Long-life Ion deodorisation filter



Apple-catechin filter



Economy Mode



Polyphenol Catechin Filter



Washable Panel



Coil dry operation
Pressing the coil dry button after operating will dry the internal unit to prevent mould and bacteria growth.



Cobalt Blue Heat Exchanger
Outdoor unit fins are coated with a blue corrosion resistant material to enhance durability and extend performance life of your heat pump.



Human Sensor



Powerful Heating



Wall (wired) controller – Optional
Smart, easy-to-use wall (wired) controller. 7-day timer for 'set and forget'.



Energy Star – your quick to New Zealand's most energy efficient products



Cooling



Heating

Fujitsu General proud sponsors of:



NEW ZEALAND'S FAVOURITE AIR®



6 years full parts and labour warranty (New Zealand's longest) when you use a Heat Pump consultant accredited by Fujitsu